

Figure 1. FIG. 1

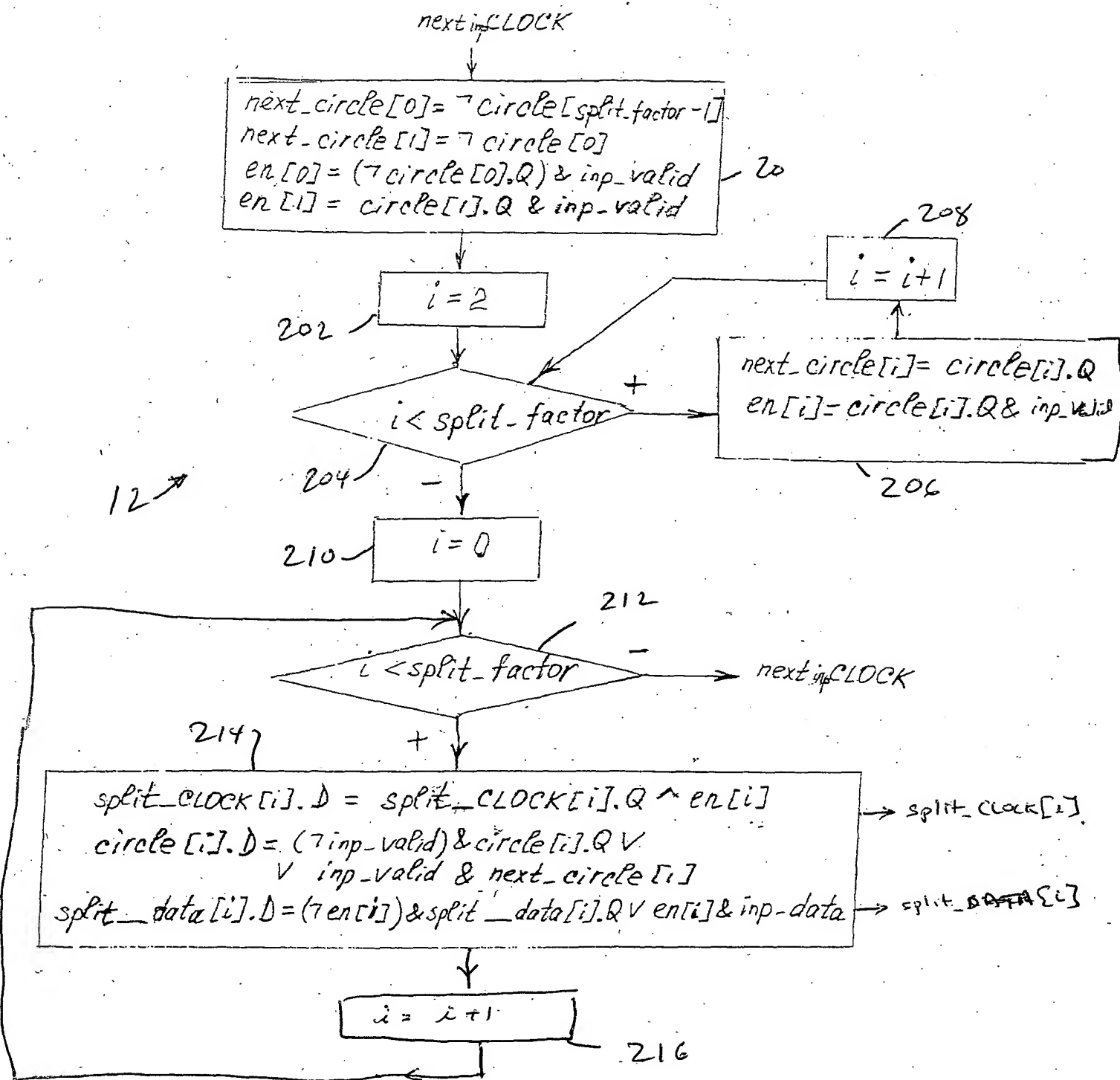
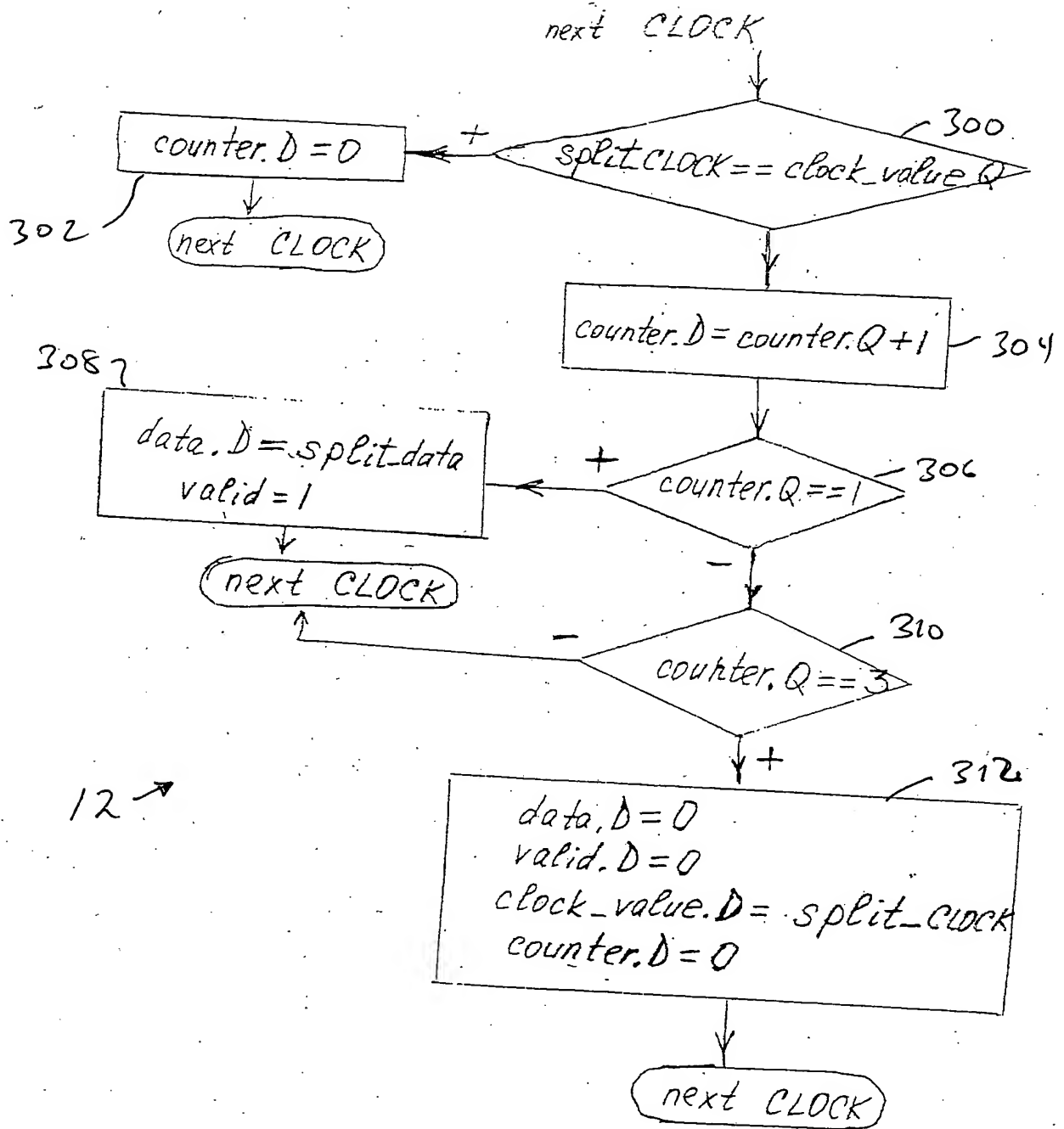


Figure 2. FIG. 2



Plh. 3
Figure 3. Diagram for CATCHER.

400
 $valid.D = 0$
 $shift.D = shift.Q$
 $cur_valid = 0$
 $i = 0$

402
 $i < k$

406
 $i = i + 1$

404
 $data[i].D = 0$
 $data_buf[i].D = data_buf[i].Q$

408

410
 $valid_count.Q == 1$

412
 $cur_valid = tvalid[0]$

EXAMPLE FOR CASE
 $k = 2$

414
 $valid_count.Q == 0$
 $\&\& tvalid[0]$

416
 $cur_valid = tvalid[0] + tvalid[1]$

418
 $valid_plus = valid_count.Q + cur_valid$
 $shift_plus = shift.Q + cur_valid$

420
 $cur_valid > 0$

424
 $shift_plus < split_factor$

426
 $shift.D = shift_plus$

428
 $shift.D = shift_plus - split_factor$

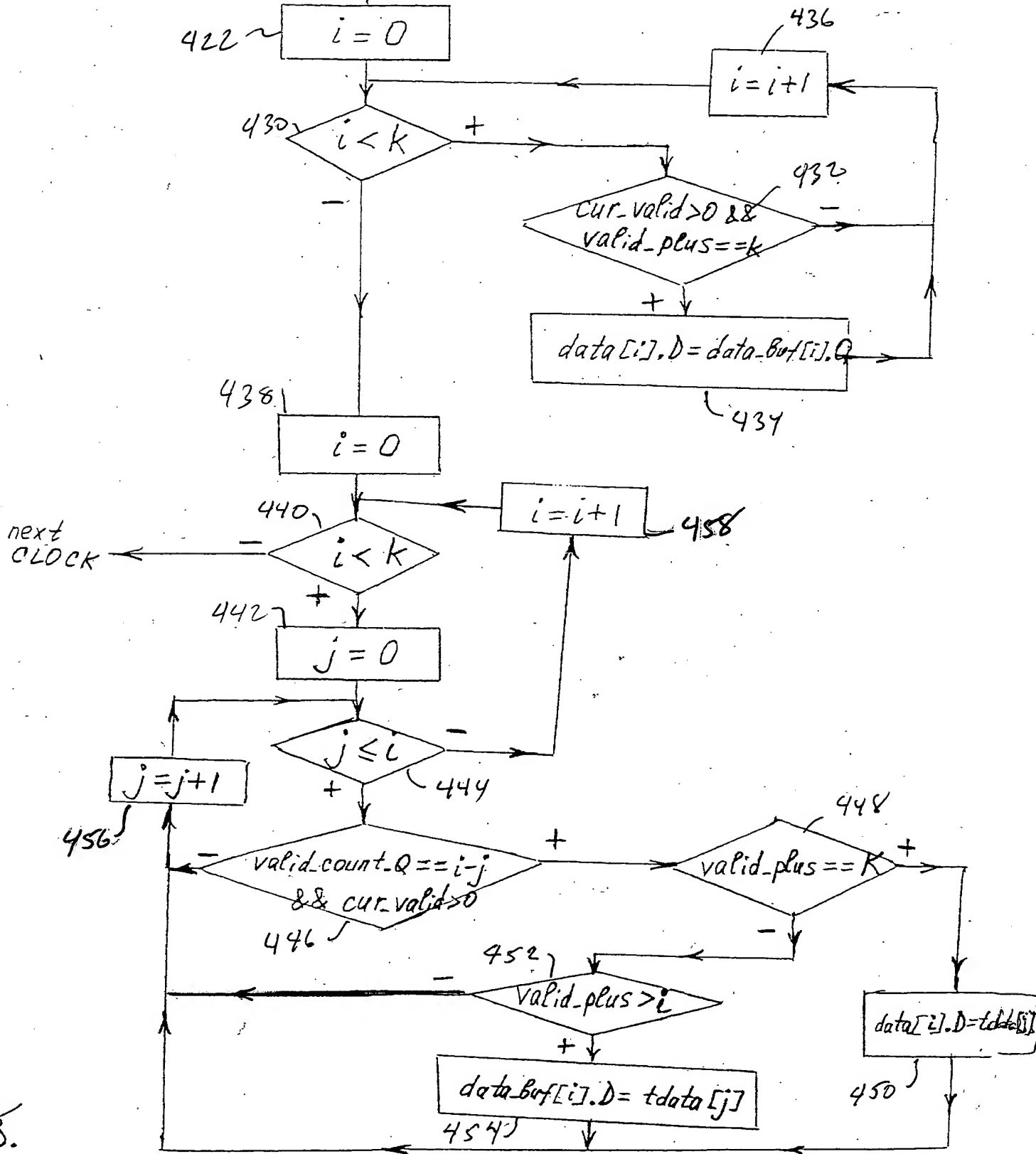
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*(see next page)

re 4A.

FIG 4

(see previous page)



e4B.

FIG 5